

Attorney Docket No. 5051-416DV

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jacobson
Serial No. to be assigned
Filed: concurrently herewith
For: PHYSICAL PROPERTY
MODIFICATION OF NANOTUBES

A5
J.L.H.
1-15-02

Date: May 23, 2001

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the examination of the above-referenced application, please enter the following amendment. Attached hereto is a marked up version of the changes made to the specification and claims by the current amendment. The marked up version of the changes is captioned "Version With Markings To Show Changes Made".

In the Specification:

On page 1, line 1, please insert the following:

- Cross-Reference to Related Applications

The present application is a divisional application of Serial No. 09/186,396 filed November 4, 1998, now ^{U.S. Patent 6,280,677} allowed, which claims priority to U.S. Provisional Application Serial No. 60/064,539 filed November 5, 1997, the disclosure of which are incorporated by reference herein in their entirety.

In the Claims:

Please enter the following new claims.

24. (New) A carbon nanotube comprising:
a dipole of pentagon-heptagon and heptagon-pentagon dislocation cores located in an opposed spaced-apart relationship along a longitudinal axis of said carbon nanotube;